



**TEMPORARY**  
**THE STATE OF NEVADA**

**PERMIT TO CHANGE THE PUBLIC WATERS OF THE  
STATE OF NEVADA HERETOFORE APPROPRIATED**

**Name of Permittee:** CORTEZ JOINT VENTURE  
**Source:** UNDERGROUND  
**Basin:** CRESCENT VALLEY  
**Manner of Use:** MINING, MILLING, AND DEWATERING  
**Period of Use:** EXPIRES MARCH 5, 2015  
**Priority Date:** 06/23/2008

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**APPROVAL OF STATE ENGINEER**

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This temporary permit to change the point of diversion and place of use of a portion of the waters of an underground source as heretofore granted under Permit 77179, is issued subject to the terms and conditions imposed in said Permit 77179 and with the understanding that no other rights on the source will be affected by the change proposed herein. This well shall be equipped with a two (2) inch opening for measuring depth to water and totalizing meters must be installed and maintained in the discharge pipelines near the points of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meters must be installed before any use of the water begins. If the wells are flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030.

This temporary permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this temporary permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This temporary permit is issued pursuant to the provisions of NRS 533.345 Section 2 and will expire March 5, 2015 at which time all rights herein granted shall revert to the right being changed by this temporary permit.

This temporary permit will allow the permittee to dewater the Cortez Hills mine area. The total water produced for both consumptive and non-consumptive dewatering purposes from this permit and all other active permits within the Cortez Hills Project Area is limited to 13,248 acre-feet annually.

The total combined consumptive use of water under Permit 24663, Certificate 7292; Permit 24664, Certificate 7293; Permit 46224, Certificate 12482; Permit 46225, Certificate 12483; Permits 58187-E, 58188-E, 58189-E, 58190-E, 58191-E, 58192-E, 58985-E, 59339, 59340, 64545, 75342, 76864, 77179, 82592, and Temporary Permits 83540T and 83541T in the Cortez Hills Project Area is limited to 1,517.6 acre-feet annually.

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Any water produced from this dewatering operation in excess of 1,517.6 acre-feet annually shall be returned to the Crescent Valley Groundwater Basin by infiltration galleries or injection wells. The design of the rapid infiltration basins or injection wells and the delivery system to these sites shall be submitted to the State Engineer for approval.

This temporary permit is issued subject to the provisions of State Engineer's Order No. 1189.  
The operator shall keep monthly records of the following:

- A. The total volume of water pumped from each diversion in acre-feet.
- B. The maximum flow rate from each diversion in cubic feet per second.
- C. The pumping water level from each well in feet above mean sea level.
- D. The volume of water consumptively used for mining and milling in acre-feet.
- E. The amount of water diverted to the infiltration or injection sites in acre-feet.
- F. The amount of water diverted to other consumptive uses, if any, in acre-feet.
- G. The amount of water lost through evaporation or other system losses project wide.
- H. A map and a description of all wells or other water diversions within the project area.

Failure to comply with any provision of Order 1189 or any other terms of this temporary permit will result in cancellation of this temporary permit.

The point of diversion and place of use are as described on the submitted application to support this permit.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 18.3 cubic feet per second or 13243.0 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before:

N/A

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before:


N/A

Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 21<sup>st</sup> day of May, 2014

  
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State Engineer









**ATTACHMENT TO TEMPORARY APPLICATIONS TO CHANGE  
PERMIT 77179  
PER STATE ENGINEER WELL SPACING ORDER 1189**

**15: Project Description:**

These Temporary Applications are being filed in accordance with State Engineer's Order 1189 dated June 4, 2008, to meet the annual temporary filing requirements as described under Rule #3 of said Order. In accordance with Rule #3 of the Order, these temporary applications are based on the total amount of water permitted under master Permit 77179, issued February 6, 2009.

2014 Projected Pumpage

The estimated Cortez Hills project total water to be pumped in 2014 is 13,248 acre-feet under Permit 71779 and 480 acre-feet under Permits 79896 and 79897.

**16: Miscellaneous Remarks:**

It is estimated that a total of 5 acre-feet will be used for stock watering at various locations within the Proposed Place of Use area described under Item 7, delivered either by pipeline or by truck hauling.

It is estimated that approximately 480 acre-feet under Permits 79876 and 79897 will be delivered through the cross-valley pipeline to irrigated acreage within the Proposed Place of Use (Item 7).

Accordingly, the following summarizes the estimated 2014 Cortez Hills dewatering pumpage:

1. Mining, milling, dewatering – Cortez Hills total pumpage:	13,243 AF
2. Irrigation use under Permits 79896 and 79897:	480 AF
3. Stockwater Use:	5 AF
2014 Estimated Cortez Hills Use	13,728 AF